UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD	NOTES
or	70110

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DEPENDENT RESURVEY OF
A PORTION OF THE SOUTH BOUNDARY AND
A PORTION OF THE SUBDIVISIONAL LINES
AND
THE SUBDIVISION OF SECTIONS 28 AND 29,
TOWNSHIP 18 NORTH, RANGE 9 EAST
Of the <u>Gila and Salt River Meridian</u> , In the State of <u>Arizona</u>
EXECUTED BY Gordon R. Bubel, Cadastral Surveyor

Under Special Instructions dated <u>July 16, 1998</u>, approved <u>July 16, 1998</u>, which provided for the surveys included under Group Number 831 and assignment instructions dated <u>July 20, 1998</u>

Survey commenced <u>July 27, 1998</u> Survey completed <u>July 13, 1999</u>

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T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the south boundary and a portion of the subdivisional lines and the subdivision of sections 28 and 29, Township 18 North, Range 9 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows: John L. Harris surveyed the south and west boundaries, in 1879. In 1883, O.D. Wheeler retraced the south and west boundaries and surveyed the north and east boundaries and the subdivisional lines. Numerous local recorded and unrecorded surveys have been executed in the area.

The survey was executed in accordance with the specifications as set forth in the <u>Manual of Surveying Instructions</u>, 1973, and the Special Instructions dated July 16, 1998, for Group No. 831, Arizona.

Preliminary to the resurvey, the lines of the original survey were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by NAVSTAR GPS, using the real time kinematic techniques, and refer to the true meridian. Distances were determined by a combination of real time kinematic techniques and a electronic distance measuring total station utilizing Trimble Model 4400 GPS receivers and a Sokkia SET2BII total station.

The geographic position of the corner of secs. 27, 28, 33 and 34 was determined by NAVSTAR GPS, using the technique of real time kinematic positioning. U.S. Coast and Geodetic triangulation station "TRACKS 1936" was used as a control station. The geographic position is as follows:

Latitude: 34°54'18.82" N. Longitude: 111°26'15.62" W. NAD83 (1992)

The mean magnetic declination of 12 1/2° E., was derived from U.S. Geological Survey computer program MAGPOINT, utilizing the Regional Magnetic Field Model for Epoch 1995 for the date of survey.

Dependent Resurvey of a Portion of the South Boundary, T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS

Restoring the survey executed by John L. Harris, in 1879 and the retracement executed by O. D. Wheeler, in 1883

Beginning at the 1/4 sec. cor. of secs. 4 and 33, on the S. bdy. of the Tp., perpetuated by Charles W. Dryden, deceased Arizona Registered Land Surveyor No. 4321, in 1976, monumented with an iron bar, 5/8 in. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 2 ft. base, 1 ft. high, with 1 3/4 ins. diam. aluminum cap mkd. T18N R9E 1/4 S33 S4 T17N RLS 4321.

from which bearing trees established by Dryden

A ponderosa pine, 13 ins. diam., bears N. 26 1/2° E., 26 lks. dist., mkd. 1/4 S BT.

A ponderosa pine, 11 ins. diam., bears S. 32° E., 16 lks. dist., mkd. 1/4 S BT.

This is accepted as a careful and faithful perpetuation of the original cor. position.

Cor. is located 36 lks. N. of a 5 strand barbed wire fence, bears E. and W.

S. 89°56' W., bet. secs. 4 and 33, on the S. bdy. of the Tp.

Over rolling land, through medium pine timber.

19.84

The W. 1/16 sec. cor. of secs. 4 and 33, established by Charles W. Dryden, deceased Arizona Registered Land Surveyor No. 4321, in 1976, monumented with an iron bar, 5/8 in. diam., firmly set, projecting 2 ins. above ground, with 1 3/4 ins. diam. aluminum cap mkd. T18N R9E W1/16 S33 S4 T17N RLS 4321.

This is accepted as a careful and faithful determination of the cor. position.

Cor. is located in the bottom of Fulton Canyon, 1 ch. wide, drains NE.

S. 89°56' W., beginning new measurement.

Ascending through medium pine timber.

Dependent Resurvey of a Portion of the South Boundary, T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona

T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona **CHAINS** The cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., 19.84 reestablished by Charles W. Dryden, deceased Arizona Registered Land Surveyor No. 4321, in 1976, monumented with an iron bar, 5/8 in. diam., firmly set, projecting 4 ins. above ground, encircled with a collar of stone, with 1 3/4 ins. diam. aluminum cap mkd. T18N R9E S32 S33 S5 S4 T17N RLS 4321. from which bearing trees established by Dryden A ponderosa pine, 17 ins. diam., bears N. 49 1/2° E., 32 lks. dist., mkd. T18N R9E S33. An oak, 10 ins. diam., bears S. 76 3/4° E., 19.5 lks. dist., mkd. 7N R9E S4 on a partially healed blaze. A ponderosa pine, 10 ins. diam., bears S. 71° W., 24 lks. dist., mkd. T17N R9E S5. A ponderosa pine, 15 ins. diam., bears N. 28 1/2° W., 12 lks. dist., mkd. T18N R9E S32. This is accepted as a careful and faithful reestablishment of the position of the original corner. S. 89°58' W., bet. secs. 5 and 32. Ascending through medium pine timber. The 1/4 sec. cor. of secs. 5 and 32, perpetuated by Charles W. 39.70 Dryden, deceased Arizona Registered Land Surveyor No. 4321, in 1976. monumented with an iron bar, 5/8 in. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 2 1/2 ft. base, 1 ft. high, with 1 3/4 ins. diam. aluminum cap mkd. ARENCO 1/4 S32 S5 PE971 LS 4321. from which the original bearing trees A rotted pine stump, 20 ins. diam., bears N. 55° E., 12 lks. dist., no marks visible. (Record: N. 70° E.) A rotted pine stump, 18 ins. diam., bears S. 83° W., 17 lks. dist., no marks visible. (Record: N. 73° W., 14 1ks. dist.) and new bearing trees A ponderosa pine, 16 ins. diam., bears N. 59 1/4° E., 46.5 lks. dist., mkd. 1/4 S 32 BT.

Dependent Resurvey of a Portion of the South Boundary, T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona

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	c	u	A	r	N	S

A ponderosa pine, 10 ins. diam., bears S. 15 3/4° W., 15 lks. dist., mkd. 1/4 S5 BT.

This is accepted as a careful and faithful perpetuation of the original cor. position.

S. 89°11' W., beginning new measurement.

Over rolling land, through medium pine timber.

40.26

The cor. of secs. 5, 6, 31 and 32, determined at record distance from the faces of the remaining original bearing trees

- A rotted pine stump, 48 ins. diam., bears S. 67 1/2° E., 100 lks. dist., no marks visible. (Record: S. 65° E.)
- A burned pine stump, 36 ins. diam., bears S. 66° W., 81 lks. dist., no marks visible. (Record: S. 72° W.)
- A rotted pine stump, 46 ins. diam., bears N. 54 1/2° W., 125 lks. dist., with a 14 ins. long, 2 ins. wide, pine fragment mkd. VIIIN RIX, lying loose alongside. (Record: N. 57° W.)

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, encircled with a collar of stone, with brass cap mkd.

T18N	R9E
S31	S32
S6 T17 199	

from which new bearing trees

- A ponderosa pine, 13 ins. diam., bears N. 44° E., 27.5 lks. dist., mkd. T18N R9E S32 BT.
- A ponderosa pine, 12 ins. diam., bears S. 42 1/2° E., 111.5 lks. dist., mkd. T17N R9E S5 BT.
- A ponderosa pine, 17 ins. diam., bears S. 85° W., 23.5 lks. dist., mkd. T17N R9E S6 BT.
- A ponderosa pine, 18 ins. diam., bears N. 30 3/4° W., 29 lks. dist., mkd. T18N R9E S31 BT.

Dependent Resurvey of a Portion of the South Boundary, T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS

Deposit a magnet in a 1 \times 1 \times 2 ins. white plastic case beneath the stainless steel post.

Dependent Resurvey of a Portion of the Subdivisional Lines, T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona

Restoring the survey executed by O. D. Wheeler, in 1883

From the cor. of secs. 27, 28, 33 and 34, determined at proportionate dist.; there is no remaining evidence of the original cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T18N	R9E
S28	S27
S33	S34
199	8

from which

- A ponderosa pine, 9 ins. diam., bears S. 35 1/2° E., 88.5 lks. dist., mkd. T18N R9E S34 BT.
- A ponderosa pine, 11 ins. diam., bears S. 19 1/4° W., 103.5 lks. dist., mkd. T18N R9E S33 BT.
- A ponderosa pine, 12 ins. diam., bears N. 24° W., 99 lks. dist., mkd. T18N R9E S28 BT.

Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.

Cor. is located in an abandoned railroad bed, 50 lks. wide, bears NNW and SSE.

From this cor. point, the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp. bears S. 0°34′ E., 80.76 chs. dist., perpetuated by Charles W. Dryden, deceased Arizona Registered Land Surveyor No. 4321, in 1976, monumented with an iron bar, 5/8 in. diam., firmly set, projecting 4 ins. above ground, in a mound of stone, 3 ft. base, 1/2 ft. high, with 1 3/4 ins. diam. aluminum cap mkd. T18N R9E S33 S34 S4 S3 T17N PE971 LS4321.

CHAINS

This is accepted as a careful and faithful perpetuation of the original cor. position.

from which the remaining original bearing trees

A pine stump, 24 ins. diam., bears N. 73 1/2° E., 31 lks. dist., no marks visible.

A pine stump, 36 ins. diam., bears S. 41 1/2° E., 56 lks. dist., no marks visible.

and bearing trees established by Dryden

A ponderosa pine, 13 ins. diam., bears S. 85° E., 18 lks. dist., mkd. T17N R9E S3.

A ponderosa pine, 11 ins. diam., bears S. 65° W., 37 lks. dist., mkd. T17N R9E S4

A ponderosa pine, 9 ins. diam., bears N. 87° W., 4 lks. dist., mkd. T18N R9E S33.

From this same cor. point, the cor. of secs. 26, 27, 34 and 35, bears N. 89°04′ E., 79.77 chs. dist., monumented with an embedded mound of stone, 3 ft. base, 1 ft. high.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 19 ins. in the ground, at the center of the embedded mound of stone, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

	R9E S26
S34	S35

from which the remaining original bearing trees

A burnt pine stump, 36 ins. diam., bears N. 8 1/4° E., 31 lks. dist., no marks visible.

A pine stump, 36 ins. diam., bears S. 15° W., 62 lks. dist., no marks visible.

and new bearing trees

A ponderosa pine, 13 ins. diam., bears S. 43° E., 69 lks. dist., mkd. T18N R9E S35 BT.

CHAINS	
	A ponderosa pine, 12 ins. diam., bears S. 18° W., 38 lks. dist.; mkd. T18N R9E S34 BT.
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.
	These control lines were fully retraced and a careful search was made for evidence of intervening corners, none of which was recovered.
	N. 0°14' W., bet. secs. 27 and 28.
1.50	Graded road, 15 Tks. wide, bears SE and NW.
2.95	A 4 strand barbed wire fence, bears S. 25° E. and N. 25° W.; thence over open land.
20.19	Point for the S. 1/16 sec. cor. of secs. 27 and 28.
	Not monumented.
40.38	Point for the 1/4 sec. cor. of secs. 27 and 28, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over an aluminum drive rod, 3/4 in. diam., 72 ins. long, with brass cap mkd.
	T18N R9E
	1/4 S28 S27 1998
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.
	Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.
	Set a steel fence post nearby.
	Cor. is located in dry bed of Mormon Lake.
80.76	Point for the cor. of secs. 21, 22, 27 and 28, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, over an aluminum drive rod, 3/4 in. diam., 72 ins. long, with brass cap mkd.
	<u> </u>

CHAINS

T18N S21	R9E S22
S28	S27
199	98

Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Set a steel fence post nearby.

Cor. is located in dry bed of Mormon Lake.

From this cor. point, the cor. of secs. 22, 23, 26 and 27, bears N. 88°58' E., 79.84 chs. dist., monumented with a mound of stone, 3 1/2 ft. base, 1 ft. high.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 4 ins. in the ground, to bedrock, at the center of the mound of stone, and in a supporting mound of stone, 5 ft. base, to top, with brass cap mkd.

T18N	R9E
S22	S23
S27	S26
199	8

from which the remains of the original bearing trees

- A ponderosa pine, 25 ins. diam., bears N. 30° E., 50 lks. dist., with healed blaze.
- A ponderosa pine, 17 ins. diam., bears S. 50° E., 30 lks. dist., with healed blaze.
- A stump hole, 36 ins. diam., bears S. 37° W., 62 lks. dist., with a dead and down ponderosa pine alongside, with a rotted blaze.
- A stump hole, 54 ins. diam., bears N. 55° W., 110 lks. dist., with a dead and down ponderosa pine alongside, with a rotted blaze.

Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.

CHAINS

From this same cor. point, the 1/4 sec. cor. of secs. 3 and 4, bears N. 0°07' W., 282.64 chs. dist., monumented with an embedded mound of stone, 3 ft. base, 1 ft. high.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, to bedrock, at the center of the embedded mound of stone, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T18N R9E 1/4 S4 | S3 1998

Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.

These control lines were fully retraced and a careful search was made for evidence of intervening corners, none of which was recovered.

From this same cor. point, a wood post, 4 ins. square, set in a scattered mound of stone, bears N. 0°10′ W., 244.64 chs. dist. The origin of the wood post and mound is unknown and can not be authenticated as either a perpetuation or reestablishment of the original corner by proper methods. For these reasons, this position was not utilized as control in the course of this resurvey.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., hereinbefore described.

N. 1°21' W., bet. secs. 32 and 33.

Descending through medium pine timber.

39.90

The 1/4 sec. cor. of secs. 32 and 33, monumented with a mound of stone, 3 ft. base, 2 ft. high.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 4 ins. in the ground, to bedrock, at the center of the mound of stone, and in a supporting mound of stone, 4 ft. base, to top, with brass cap mkd.

CHAINS

T18N R9E 1/4 S32 | S33 1999

from which new bearing trees

A ponderosa pine, 15 ins. diam., bears S. 9° E., 21 lks. dist., mkd. 1/4 S33 BT.

A ponderosa pine, 15 ins. diam., bears S. 61° W., 59 lks. dist., mkd. 1/4 S32 BT.

Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.

N. 0°01' W., beginning new measurement.

Descending through medium pine timber.

39.80 Center of Mormon Lake highway, at cattle guard, 46 lks. wide, bears E. and W.

The cor. of secs. 28, 29, 32 and 33, monumented by James Brown, Arizona Registered Land Surveyor No. 10045, with an iron rod, 1/2 in. diam., firmly set, 3 ins. below water, with attached metal wafer mkd. LS 10045.

This cor. position predates the 1962 survey of Tall Pine Estates, a platted subdivision, has been accepted by the adjoining landowners and is accepted as the best available evidence of the position of the original cor.

Cor. is located at a fence cor., with 4 strand barbed wire fences extending N., E. and S, and at the southwesterly edge of a man made pond, where it is impractical to establish a permanent monument.

From this cor. point, a 3 ins. diam. bronze disk, set in a concrete cylinder, 6 ins. diam., firmly set, projecting 6 ins. above ground, bears S. 0°02' E., 1.22 chs. dist., with disk mkd. ARIZONA HIGHWAY DEPT 19.

From the cor. of secs. 27, 28, 33 and 34.

S. 88°24' W., bet. secs. 28 and 33.

Ascending through medium pine timber.

	1. 10 N., R. 9 L., Gild and Safe invalidation and
CHAINS	
20.01	Point for the E. 1/16 sec. cor. of secs. 28 and 33.
	Not monumented.
40.02	The 1/4 sec. cor. of secs. 28 and 33, perpetuated by James Brown, Arizona Registered Land Surveyor No. 10045, in 1989, monumented with an iron pin, 1/2 in. diam., 18 ins. long, firmly set, projecting 3 ins. above ground with attached metal wafer stamped LS 10045. The original stone was recovered by George Sparling, Registered Civil Engineer, in 1959, Clifford E. Way, Registered Land Surveyor, in 1962, and the U. S. Forest Service in 1964. Records of the Sparling and Way surveys substantiate the position perpetuated by James Brown and is accepted as a careful and faithful perpetuation of the original corner position.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins, in the ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.
	T18N R9E
	\$28 1/4 —
	\$33
	1998
	from which the remains of the original bearing tree
	A pine stump hole, 36 ins. diam., bears N. 46 1/2° W., 85.5 lks. dist., with a 12 ins. long, 3 ins. wide, pine fragment, mkd. BT and a 10 ins. long, 7 ins. wide, pine fragment, with reverse scribe marks, lying in stump hole. (Record: N. 42 1/2° W., 46 lks. dist.)
	and new bearing trees
	A ponderosa pine, 13 ins. diam., bears N. 66 1/4° E., 70 lks. dist., mkd. 1/4 S28 BT.
	A ponderosa pine, 14 ins. diam., bears S. 44 3/4° E., 105 lks. dist., mkd. 1/4 S33 BT.
	A malapais stone, $16 \times 8 \times 6$ ins., mkd. $1/4$ on a face was found loose nearby.
	Deposit the mkd. stone and iron pin within the mound of stone.
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.

CHAINS	1. 16 N., R. 9 E., Gila alla Salt River Her Idian, Ai 120na
Chains	Cor. is located 2 lks. N. of fence cor., with 4 strand barbed wire fences extending N. and W.
	N. 89°34' W., beginning new measurement.
	On the S. bdy. of Tall Pine Estates Unit Two, a platted subdivision, along a 4 strand barbed wire fence, through medium pine timber.
5.01	An iron pipe, 1 in. diam., firmly set, projecting 1 in. above ground.
10.03	An iron pipe, 1 in. diam., firmly set, projecting 1 in. above ground.
15.04	An iron pin, 1/2 in. diam., firmly set, projecting 2 ins. above ground, with attached metal wafer mkd. LS 10045.
20.06	An iron pipe, 1 in. diam., firmly set in concrete, projecting 1 in. above ground.
21.95	An iron pin, 1/2 in. diam., firmly set, projecting 2 ins. above ground.
40.13	The cor. of secs. 28, 29, 32 and 33.
	N. 0°17' W., bet. secs. 28 and 29.
	Over open land, along the W. bdy. of Tall Pine Estate, a platted subdivision.
40.38	The 1/4 sec. cor. of secs. 28 and 29, monumented with an iron pipe, 1 in. diam., firmly set, in concrete, projecting 2 ins. above ground, origin unknown.
į	This is accepted as the best available evidence of the position of the original cor.
	Not remonumented.
	Cor. located in 4 strand barbed wire fence, bears N. and S.
	N. 0°21' W., beginning new measurement.
20.325	Point for the N. 1/16 sec. cor. of secs. 28 and 29.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

CHAINS

T18N R9E N 1/16 S29 | S28 1999

Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.

From this cor. point, an iron pipe, 1 in. diam., firmly set in concrete, projecting 5 ins. above ground, bears S. 27°07′ E., 96 lks. dist., located in 4 strand barbed wire fence, bears S. 80° E. and N. 80° W. A fence cor. bears N. 80° W., 13 lks. dist., with 4 strand barbed wire fences extending easterly, westerly and S.

40.65

Point for the cor. of secs. 20, 21, 28 and 29, at proportionate dist.; there is no remaining evidence of the original cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, over an aluminum drive rod, 3/4 in. diam., 72 ins. long, with brass cap mkd.

T18N R9E S20 | S21 S29 | S28 1998

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.

Set a steel fence post nearby.

Cor. is located in dry bed of Mormon Lake.

From this cor. point, the 1/4 sec. cor. of secs. 4 and 5, bears N. O°17' W., 284.53 chs. dist., monumented with a mound of stone, 2 1/2 ft. base, 1 ft. high.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, at the center of the mound of stone, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T18N R9E 1/4 S5 | S4 1998

CHAINS

Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.

Raise a mound of stone, 5 ft. base, 2 ft. high, W. of cor.

In 1915, R.P.A. Johnson, recovered a malapais stone surrounded by a mound of stone, mkd. 1/4, at this cor. position during his survey of Homestead Entry Survey No. 383, approved in 1920. The 1883 original survey record describes a mkd. post at this cor. position.

This control line was fully retraced and a careful search was made for evidence of intervening corners, none of which was recovered.

From the cor. of secs. 21, 22, 27 and 28.

S. 89°37' W., bet. secs. 21 and 28, over dry bed of Mormon Lake.

40.11

Point for the 1/4 sec. cor. of secs. 21 and 28 at proportionate dist.; there is no remaining evidence of the original cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, over an aluminum drive rod, 3/4 in. diam., 72 ins. long, with brass cap mkd.

T18N R9E S21 1/4 — S28 1998

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.

Raise a mound of stone, 3 ft. base, 2 ft. high N. of cor.

60.17

Point for the W. 1/16 sec. cor. of secs. 21 and 28.

Not monumented.

80.23

The cor. of secs. 20, 21, 28 and 29.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., hereinbefore described.

N. 0°43' W., bet. secs. 31 and 32.

Ascending through medium pine timber.

	T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona
CHAINS	
40.30	Point for the 1/4 sec. cor. of secs. 31 and 32 at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, to bedrock, in a supporting mound of stone, 4 1/2 ft. base, to top, with brass cap mkd.
	T18N R9E 1/4 S31 S32 1999
	from which
	A ponderosa pine, 12 ins. diam., bears S. 86° E., 22.5 lks. dist., mkd. 1/4 S32 BT.
	An oak 10 ins. diam., bears N. 17° W., 48.5 lks. dist., mkd. 1/4 S31 BT.
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.
80.60	The cor. of secs. 29, 30, 31, and 32, perpetuated by Robert Williams, Arizona Registered Land Surveyor No. 4123, in 1967, monumented with an iron pin, 1/2 in. diam., firmly set, projecting 6 ins. above ground, in a scattered mound of stone.
	This is accepted as a careful and faithful perpetuation of the original corner position.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 5 ins. in the ground, to bedrock, in a supporting mound of stone, 6 ft. base, to top, with brass cap mkd.
	T18N R9E S30 S29
	S31 S32 1998
	from which the remaining original bearing trees
İ	A ponderosa pine, 32 ins. diam., bears N. 30 1/2° E.,

A ponderosa pine, 32 ins. diam., bears N. 30 1/2° E. 19 lks. dist., with illegible scribe marks on a partially healed blaze.

CHAINS	
	A ponderosa pine, 22 ins. diam., bears S. 80° E., 82 lks. dist., with illegible scribe marks on a partially healed blaze. (Record: S. 30° E.)
	A stump hole, 18 ins. diam., bears S. 51 1/2° W., 25 lks. dist., with a dead and down ponderosa pine, 14 ins. diam., alongside, with a pitched over blaze.
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.
	Deposit the iron pin, 18 ins. long, inside the stainless steel pipe.
	From the cor. of secs. 28, 29, 32 and 33.
	S. 89°38' W., bet. secs. 29 and 32.
	Over open land.
19.39	Center of pavement, Mormon Lake Highway, 42 lks. wide, in curve, bears ESE and NNW.
20.67	A stone fence, 4 ft. high, bears S. 18° E and N. 18° W; thence on the S. bdy. of Mormon Lake Townsite, a platted subdivision.
21.24	The SE cor. of a framed cabin, 39 x 25 ft., long side bears N. 86° W., bears North, 1 lk. dist.
21.45	The easterly side of a wood porch, attached to a framed cabin, the SE cor. bears S. 4° W., 13 lks. dist.
21.59	The westerly side of same wood porch, attached to a framed cabin, the SW cor. bears S. 4° E., 11.5 lks. dist.
21.83	The SW cor. of same framed cabin, 39 x 25 ft., long side bears S. 86° E., bears North, 4 lks. dist.
22.38	The NE cor. of a wooden outhouse, 4 x 4 ft., bears South, 72 lks. dist.
22.58	A woven wire fence, bears N. 8° W. and S. 8° E.
23.14	The NE cor. of a wooden outhouse, 4 x 4 ft., bears South, 138 lks. dist.
23.84	The NW cor. of a woodshed, 11 x 7 ft., long side bears W., bears South, 40 lks. dist.

	T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona
CHAINS	
24.89	An iron rod, 1/2 in. square, firmly set, projecting 4 ins. above ground, origin unknown, bears South, 13 lks. dist.
26.37	An iron pin, 1/2 in. diam., loosely set, projecting 16 ins. above ground, origin unknown, bears South, 18 lks. dist.
27.15	An iron pin, 1/2 in. diam., loosely set, projecting 16 ins. above ground, origin unknown, bears South, 14 lks. dist.
27.86	An iron pin, 1/2 in. diam., loosely set, projecting 16 ins. above ground, origin unknown, bears South, 16 lks. dist.
28.63	An iron pipe, 3/4 in. diam., firmly set, projecting 8 ins. above ground, origin unknown, bears North, 5 lks. dist.
29.27	A woven wire fence, bears N. and S. A fence cor., bears South, 11 lks. dist., with fences extending N. and westerly.
29.38	An iron pipe, 3/4 in. diam., firmly set, projecting 4 ins. above ground, origin unknown.
30.03	A woven wire fence, bears N. and S. A fence cor., bears South, 3.5 lks. dist., with fences extending N. and easterly.
30.89	An iron pin, 1/2 in. diam., firmly set, projecting 6 ins. above ground, origin unknown, bears South, 2 lks. dist.
32.85	An iron pin, 5/8 in. diam., firmly set, projecting 4 ins. above ground, encircled with a collar of stone, origin unknown.
33.94	An iron pin, 1/2 in. diam., firmly set in a rock fence, projecting 6 ins. above top of fence, origin unknown.
35.20	The SW cor. of a wood outhouse, 5 x 4 ft., long side bears N., bears South, 28 lks. dist.
36.26	An iron rod, 1/2 in. square, firmly set, projecting 2 ins. above ground, origin unknown, bears North, 2.5 lks. dist.
39.97	The 1/4 sec. cor. of secs. 29 and 32, determined at record bearing and distance from the remains of the original bearing trees
	A pine stump, 28 ins. diam., bears S. 43° E., 60 lks. dist., mkd. 1/4 S BT.
	A rotted pine stump, 30 ins. diam., bears N. 45° W., 119 lks. dist., no marks visible.
	At the cor. point

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins, in the ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.
	T18N R9E S29 1/4 —
	S32 1998
	from which a new bearing tree
	A ponderosa pine, 12 ins. diam., bears S. 14 3/4° E., 44 lks. dist., mkd. 1/4 S32 BT.
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.
	Cor. is identical with the SW cor. of Mormon Lake Townsite, a platted subdivision.
	N. 89°53' W., beginning new measurement.
20.01	Point for the W. 1/16 sec. cor. of secs. 29 and 32.
	Not monumented.
40.02	The cor. of secs. 29, 30, 31 and 32.
	N. 1°13' W., bet. secs. 29 and 30.
	Descending through medium pine timber.
20.675	Point for the S. 1/16 sec. cor. of secs. 29 and 30.
	Not monumented.
41.35	The 1/4 sec. cor. of secs. 29 and 30, monumented with a sandstone, $15 \times 13 \times 7$ ins., firmly set, 6 ins. in the ground, faintly mkd. $1/4$ on the W. face, with a scattered mound of stone to the E.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins, in the ground, in a mound of stone, 5 ft. base, to top, with brass cap mkd.

	1. 10 M., M. 5 E., Ullia and Date Mite
CHAINS	
	T18N R9E
	1/4 S30 S29
	1998
	from which new bearing trees
	A ponderosa pine, 13 ins. diam., bears N. 32° E., 20 lks. dist., mkd. 1/4 S29 BT.
	A ponderosa pine, 15 ins. diam., bears S. 87° W., 63 lks. dist., mkd. 1/4 S30 BT.
	Bury the mkd. stone alongside the stainless steel pipe, and destroy the scattered mound of stone.
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.
	N. O°41' E., beginning new measurement.
20.14	Point for the N. 1/16 sec. cor. of secs. 29 and 30.
	Not monumented.
27.02	Center of pavement, Mormon Lake Highway, 43 lks. wide, bears SE and NW.
40.28	Point for the cor. of secs. 19, 20, 29 and 30, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, over an aluminum drive rod, 3/4 in. diam., 72 ins. long, with brass cap mkd.
	T18N R9E S19 S20
	S30 S29 1998
	Deposit a magnet in a 1 \times 1 \times 2 5/B ins. white plastic case beneath the stainless steel post.
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Set a steel fence post nearby.
	Cor. is located in dry bed of Mormon Lake.

CHAINS

From this cor. point, the cor. of secs. 19, 24, 25 and 30, on the W. bdy of the Tp., bears S. 88°49′ W., 79.52 chs. dist., monumented with a mound of stone, 3 1/2 ft. base, 1 ft. high.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, at the center of the mound of stone, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T18	BN
R8E	R9E
S24	S19
S25	S30
199	8

from which the remaining original bearing trees

A pine stump, 29 ins. diam., bears N. 65° E., 10 lks. dist., with illegible scribe marks.

A ponderosa pine, 30 ins. diam., bears S. 30° E., 104 lks. dist., with healed blaze.

A pine snag, 30 ins. diam., bears N. 33° W., 58 lks. dist., mkd. TXVIIIN RVIII XXIV on a partially healed blaze.

Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.

From this same cor. point, the cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the Tp., bears N. 0°16′ W., 322.02 chs. dist., perpetuated by Coconino County Engineering Department, in 1963, monumented with a galvanized iron pipe, 1 1/2 ins. diam., firmly set, projecting 11 ins. above ground, with 4 ins. diam. brass cap mkd. T19N R9E 31 32 6 5 T18N 1963.

This is accepted as a careful and faithful perpetuation of the original cor.

from which the remaining original bearing trees

A pine snag, 28 ins. diam., bears N. 12° E., 97 lks. dist., with illegible scribe marks on a partially rotted blaze. (Record: N. 15 1/2° E., 100 lks. dist.)

A pine stump, 32 ins. diam., bears S. 15° E., 100 lks. dist., with no marks visible. (Record: S. 10° E., 97 lks. dist.)

CHAINS

and bearing trees established by Coconino County

- A ponderosa pine, 24 ins. diam., bears N. 34 1/4° E., 15.5 lks. dist., mkd. T19N R9E S32 BT.
- A ponderosa pine, 21 ins. diam., bears S. 2 3/4° E., 20 lks. dist., mkd. T18N R9E S5 BT.
- A ponderosa pine, 12 ins. diam., bears S. 47° W., 22 lks. dist., mkd. T18N R9E S6 BT.
- A ponderosa pine, 18 ins. diam., bears N. 66 1/4° W., 98 lks. dist., mkd. T19N R9E S32 BT.

Homestead Entry Survey No. 383, executed by R.P.A. Johnson in 1915, approved in 1920, perpetuated this cor. with a malapais stone set at the center of the original mound of stone, and reported new bearings and distances to the original bearing trees.

Cor. is located in a fence cor., with four strand barbed wire fences extending E., S., and W.

These control lines were fully retraced and a careful search was made for evidence of intervening corners, none of which was recovered.

From the cor. of secs. 20, 21, 28 and 29.

N. 89°42' W., bet. secs. 20 and 29,

Over dry bed of Mormon Lake.

39.96

Point for the 1/4 sec. cor. of secs. 20 and 29 at proportionate dist.; there is no remaining evidence of the original cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, over an aluminum drive rod, 3/4 in. diam., 72 ins. long, with brass cap mkd.

T18N R9E S20 1/4 —— S29 1998

Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.

Set a steel fence post nearby.

	T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona
CHAINS	
59.94	Point for the W. 1/16 sec. cor. of secs. 20 and 29.
	Not monumented.
79.92	The cor. of secs. 19, 20, 29 and 30.
	Subdivision of Section 28, T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona
	From the 1/4 sec. cor. of secs. 28 and 33.
	N. O'19' W., on the N. and S. centerline of sec. 28.
	On the E. bdy. of Tall Pine Estates Unit Two, a platted subdivision, along a 4 stand barbed wire fence.
1.98	An iron pin, 1/4 in. diam., firmly set, projecting 1 in. above ground, bears West, 1.5 lks. dist.
4.01	An iron pin, 1/2 in. diam., firmly set, projecting 4 ins. above ground.
5.98	An iron pin, 1/4 in. diam., firmly set, projecting 4 ins. above ground, bears West, 1.5 lks. dist.
7.99	An iron pin, 1/4 in. diam., firmly set, projecting 4 ins. above ground, bears West, 1 lk. dist.
10.15	An iron pipe, 1 in. diam., firmly set, projecting 1 in. above ground, bears East, 1 lk. dist.
12.21	An iron pin, 1/2 in. diam., firmly set, projecting 1 in. above ground, bears East, 1 lk. dist.
14.22	An iron pin, 1/2 in. diam., firmly set, flush with the ground, bears East, 1 lk. dist.
16.23	An iron pin, 1/2 in. diam., firmly set, projecting 3 ins. above ground, bears East, 1 lk. dist.
18.23	An iron pin, 1/2 in. diam., firmly set, projecting 3 ins. above ground, bears East, 1 lk. dist.
20.24	Cor. of fences, with 4 strand barbed wire fences extending E., S., and W.; leave Tall Pine Estates Unit Two, enter Lakeside Park, a platted subdivision.
20.545	Point for the center S. 1/16 sec. cor. of sec. 28.

Subdivision of Section 28,

T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona CHAINS Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd. **T18N R9E** C \$1/16| \$28 1999 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby. Point for the center 1/4 sec. cor. of sec. 28, at intersection 41.09 with the E. and W. center line of sec. 28. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T18N R9E C1/4 S28 1999 Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post. Cor. is located 7 lks. E., of a woven wire fence, bears N. and S. From this cor. point, an iron pipe, 3/4 in. diam., firmly set, projecting 4 ins. above ground, located at the cor. of woven wire fences, with fences extending N., E., S., and W., bears S. 3°40' W., 80 lks. dist., established by George E. Sparling, Arizona Registered Civil Engineer, in 1959, from erroneous control to the N. and E., and is not accepted as the position of the cor. Cor. of fences, with woven wire extending S. and smooth wire 54.43 extending WNW, bears West, 23 lks. dist. Point for the center N-S-N 1/256 sec. cor. of sec. 28. 56.285 Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. **T18N R9E** N-S-N

Subdivision of Section 28, T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona

	T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona
CHAINS	
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.
	From this cor. point, an iron pin, 5/8 in. diam., firmly set, projecting 1 in. above ground, with a 1 1/2 ins. diam. aluminum cap mkd. AMC LS 7146, bears S. 1°47' E., 98 lks. dist., established by Mather Willis, Arizona Registered Land Surveyor No. 7146, in 1978, and is a control point used in an aerial photography project.
61.35	Point for the center N. 1/16 sec. cor. of sec. 28.
	Not monumented.
81.61	The 1/4 sec. cor. of secs. 21 and 28.
	From the 1/4 sec. cor. of secs. 27 and 28.
	S. 89°25' W., on the E. and W. center line of sec. 28.
	Over nearly level land.
17.87	A Ponderosa pine, 29 ins. diam., scribed NE at breast height, origin unknown, bears South, 98 lks. dist.
18.01	A Ponderosa pine, 33 ins. diam., with illegible scribe marks, at breast height, and Forest Service sign No. 54-4, origin unknown, bears South, 66 lks. dist.
18.06	Cor. of 4 strand barbed wire fences, bears South, 79 lks. dist. with fences extending N. 74° W. for 34 lks., thence W., and S. 26° E., for 58 lks. dist., thence S.
18.10	A Ponderosa pine, 42 ins. diam., scribed NE at breast height, origin unknown, bears South, 15 lks. dist.
20.03	Point for the center E. 1/16 sec. cor. of sec. 28.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.
	T18N R9E
	E1/16 C————C
	S28 1999
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.

Marie Same

CHAINS	1. 10 W., K. 9 E., Gilla and Safe Wives Heritaiding M. (2016)
40.06	The center 1/4 sec. cor. of sec. 28.
60.11	Point for the center W. 1/16 sec. cor. of sec. 28.
	Not monumented.
80.16	The 1/4 sec. cor. secs. 28 and 29.
	SE 1/4 Section 28
	From the point for the E. 1/16 sec. cor. of secs. 28 and 33.
	N. 0°16' W., on the N. and S. center line of the SE 1/4 of sec. 28.
	Over rolling land, through medium pine timber.
18.95	Cor. of barbed wire fences, with fences extending irregularly N. and S., bears West, 2 lks. dist.
20.37	Point for the SE 1/16 sec. cor. of sec. 28, at intersection with the E. and W. center line of the SE 1/4 of sec. 28.
:	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, encircled with a collar of stone, with brass cap mkd.
!	T18N R9E SE 1/16 S28 1999
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.
	From this cor. point, an iron pipe, 3/4 in. diam., firmly set, projecting 1 in. above ground, bears S. 4°19' E., 146 lks. dist., established by George E. Sparling, Arizona Registered Civil Engineer, in 1959, using improper procedures and is not accepted as the position of the cor.
21.89	The NE cor. of a wood outhouse, 5 x 6 ft., long side bears S. 64° W., bears East, 10 lks. dist.
29.96	The NE cor. of a cement well pad, 8 x 8 ft., a side bears S. 80° W., bears East, 161 lks. dist.
30.66	Cor. of 4 strand barbed wire fences, with fences extending N., E. and S., bears East, 72 lks. dist.

	T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona
CHAINS	
32.88	A 4 strand barbed wire fence, bears N. 88° W. and S. 88° E. A fence cor bears S. 88° E., 57 lks. dist, with fences extending S. and S. 88° E., continue S. 88° E. 167 lks. dist. to another fence cor. with fences extending N. and N. 88° W.
	From this same point, an iron pin, 5/8 in. diam., set flush with the ground, in concrete, bears S. 89°43' E., 15 lks. dist., established by Melvin R. Havill, Arizona Professional Engineer, in 1974.
33.39	The S. side of a wood barn, the SE cor. bears S. 87 1/2° E., 40 lks. dist., the SW cor. bears N. 87 1/2° W., 48 lks. dist.
34.07	The N. side of the same wood barn, the NE cor. bears S. 87 1/2° E., 43 lks. dist., the NW cor. bears N. 87 1/2° W., 45 lks. dist.
37.66	The SW cor. of a log house, bears East, 24 lks. dist., the southerly side bears S. 80° E., 80 lks. dist.
38.65	The most westerly point of same log house, bears East, 4.5 lks. dist., with sides bearing S. 11 1/2° E., to the SW cor. and N. 34° E., to the NW cor.
39.16	The NW cor. of same log house, bears East, 39 lks. dist., the northerly side bears S. 80° E., 80 lks. dist.
40.11	A 4 strand barbed wire fence, bears E. and W. A break in the fence bears E., 164 lks. dist.
40.74	The center E. 1/16 sec. cor. of sec. 28
	From the point for the S. 1/16 sec. cor. of secs. 27 and 28.
	S. 88°54' W., on the E. and W. center line of the SE 1/4 of sec. 28.
	Over open land, through native grasses.
19.92	A 4 strand barbed wire fence, bears irregularly N. and S.
20.02	The SE 1/16 sec. cor. of sec. 28.
20.10	The E. side of a wood platform for a water tank, 8 x 8 ft., the NE cor. bears N., 7 lks. dist., the SE cor. bears S., 5 lks. dist.
20.75	The easterly side of a log home, the NE cor. bears N. 29 1/4° W., 39 lks. dist., the SE cor., bears S. 29 1/4° E., 39 lks. dist.

	T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona
CHAINS	
21.48	The westerly side of same log home, the SW cor. bears S. 29 1/4° E., 69 lks. dist.
23.50	Cor. of 4 strand barbed wire fences, bears South, 81 lks. dist., with fences extending S. 15° E. and W.
23.82	A 4 strand barbed wire fence, bears N. and S. A fence cor. bears S., 80 lks. dist., with fences extending N., E. and W.
23.93	Power outlet box, bears South, 6 lks. dist.
23.94	Power outlet box, bears South, 32 lks. dist.
25.10	Graded road, 20 lks. wide, bears N., curving NNE and S.
29.68	A 4 strand barbed wire fence, bears N. and S. a fence cor. bears S., 36 lks. dist, with fences extending N., E. and W.
30.03	Point for the center W-SE 1/64 sec. cor. of sec. 28.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, encircled with a collar of stone, with brass cap mkd.
	T18N R9E S28 C-W-SE 1/64 1999
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.
	Set a steel fence post nearby.
35.035	Point for the center W-W-SE 1/256 sec. cor. of sec. 28.
	Set an aluminum drive rod, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with aluminum cap mkd.
	T18N R9E S28 C-W-W-SE 1/256 1999
	Set a steel fence post nearby.
l	

	1. 10 N., R. 9 E., Gila and Salt River Her latel, At Levia
CHAINS	
	From this cor. point, an iron pipe, 3/4 in. diam., firmly set, projecting 4 ins. above ground, located at the cor. of 4 strand barbed wire fences, with fences extending E., S., and W., bears S. 2°33′ E., 58 lks. dist., established by person(s) unknown and perpetuated by George E. Sparling, Arizona Registered Civil Engineer, in 1959, using improper procedures and is not accepted as the position of the cor.
37.20	The E. side of wood cabin, 25 x 25 ft., the NE cor. of which bears N. 1° W., 9 lks. dist., and the SE cor. bears S. 1° E., 29 lks. dist.
40.04	The center S. 1/16 sec. cor. of sec. 28.
	From the center W-SE 1/64 sec. cor. of sec. 28.
	S. 0°17.5' E., on a portion of the N. and S. center line of the SW 1/4 of the SE 1/4 of sec. 28.
0.36	A 4 strand barbed wire fence, bears E. and W.
0.62	Center of graded road, 20 lks. wide, bears E. and W., curving northerly.
0.87	A 4 strand barbed wire fence, bears E. and W. a fence cor. bears E., 6 lks. dist., with fences extending W. and S. 7° E.
5.115	Point for the center N-SW-SE 1/256 sec. cor. of sec. 28.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, encircled with a collar of stone, with brass cap mkd.
	T18N R9E
	S28
	C-N-SW-SE 1/256
	1999
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.
	Set a steel fence post nearby.
	From this cor. point, an iron pipe, 3/4 in. diam., firmly set, in concrete, projecting 6 ins. above ground, bears S. 38°21' E., 106 lks. dist., origin unknown, located 2 lks. N. of a cor. of 4 strand barbed wire fences, with fences extending W. and N. 7° W.

	T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona			
CHAINS				
	S. 88°46.5' W., on a portion of the E. and W. center line of the NW 1/4 of the SW 1/4 of the SE 1/4 of sec. 28.			
1.15	The NW cor. of a wood cabin, 14 x 12 ft., long side bears S. 25° W, bears South, 18 lks. dist.			
5.005	Point for the NW-SW-SE 1/256 sec. cor. of sec. 28.			
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, encircled with a collar of stone, with brass cap mkd.			
	T18N R9E			
	\$28			
	NW-SW-SE 1/256			
	1999			
Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.				
Set a steel fence post nearby.				
	Cor. is located in a 4 strand barbed wire fence, bears N. and S.			
	From this cor. point, an iron pipe, 3/4 in. diam., loosely set, projecting 8 ins. above ground, located at the cor. of 4 strand barbed wire fences, with fences extending N., S. and E., bears S. 0°26′ E., 52 lks. dist., established by George E. Sparling, Arizona Registered Civil Engineer, in 1959, using improper procedures and is not accepted as the position of the cor.			
	N. 0°18' W., on a portion of the N. and S. center line of the NW 1/4 of the SW 1/4 of the SE 1/4 of sec. 28.			
5.125	The center W-W-SE 1/256 sec. cor. of sec. 28.			
	NW 1/4 Section 28			
	From the point for the center W. 1/16 sec. cor. of sec. 28.			
	N. 0°20' W., on the N. and S. center line of the NW 1/4 of sec. 28			
14.04	A 4 strand barbed wire fence, bears N. 72° E. for 65 lks., thence E., and S. 72° W. A fence cor. bears S. 72° W., 14 lks. dist., with fences extending, N., S. and N. 72° E.			

Subdivision of Section 28, T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona

	1. 18 N., R. 9 E., Gila and Sait River Meridian, Ai 12016	
CHAINS		
15.217	Point for the center N-S-NW 1/256 sec. cor. of sec. 28.	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.	
	T18N R9E S28 C-N-S-NW 1/256 1999	
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.	
	Set a steel fence post nearby.	
	Cor. is located 17 lks. E. of 4 strand barbed wire fence, bears N. and S. A fence cor. bears S., 21 lks. dist., with fences extending N. and E.	
20.29	Point for the NW 1/16 sec. cor. of sec. 28, at intersection with the E. and W. center line of the NW 1/4 of sec. 28.	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.	
	T18N R9E NW 1/16 S28 1999	
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.	
	Set a steel fence post nearby.	
	From this cor. point, a cor. of 4 strand barbed wire fences, with fences extending S. and W., bears S. 13°15' W., 98 lks. dist.	
40.58	Point for the W. 1/16 sec. cor. of secs. 21 and 28.	
	From the point for the center N. 1/16 sec. cor. of sec. 28.	
	S. 89°31' W., on the E. and W. center line of the NW 1/4 of sec. 28.	
	Over open land.	
20.055	The NW 1/16 sec. cor.	

	T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona			
CHAINS				
40.11	The N. 1/16 sec. cor. of secs. 28 and 29.			
	From the center N-S-N 1/256 sec. cor. of sec. 28.			
	S. 89°29' W., on the E. and W. center line of the NE 1/4 of the SE 1/4 of the NW 1/4 and the E. and W. center line of the NW 1/4 of the SE 1/4 of the NW 1/4 of sec. 28.			
	Over open land.			
5.52	Smooth wire fence, 3 strands, bears S. 73° E. and N. 73. W.			
5.93	Cor. of fences, bears North, 13 lks. dist., with 3 strand smooth wire fences extending S. 73° E. and N. 85° W.			
10.17	Smooth wire fence, bears N. and S. A fence cor. bears S., 95 lks. dist., with fences extending N. and W. Another fence cor. bears N., 53 lks. dist., with fences extending S., and S. 85° E.			
20.05	The center N-S-NW 1/256 sec. cor. of sec. 28.			
	Subdivision of Section 29, T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona			
	From the 1/4 sec. cor. of secs. 29 and 32.			
	N. 0°19' W., on the N. and S. center line of sec. 29.			
ļ	Descending through medium pine timber, on the W. bdy. of Mormon Lake Townsite, a platted subdivision.			
3.44	An angle iron, 1 x 1 in., firmly set, projecting 2 ins. above ground, bears East, 4.5 lks. dist.			
3.45	Cor. of woven wire fences, with fences extending S. 89°49' E., and N. 5°34' W., bears East, 6 lks. dist.			
4.19	Cor. of woven wire fences, with fences extending N. 82°33' E., and S. 5°34' E., bears West, 1.5 lks. dist.			
4.56	Cor. of rock border, 1 ft. high, extends N. 75° E., and N. 6°06' W., bears West, 2 lks. dist.			
5.47	Northerly terminus of same rock border, bears West, 11 lks. dist.			
6.21	Galvanized steel water line, 2 1/2 ins. diam., bears S. 2 3/4° E. and N. 2 3/4° W. for 110 lks., thence N. 1/4° E.			

	T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona	
CHAINS		
8.11	Center of Fir Drive, graded, 20 lks. wide, bears SE and NW.	
10.55	Center of Aspen Drive, graded, 18 lks. wide, bears ESE and WNW.	
10.93	Cor. of wood rail fence, with fences extending S. 69 3/4° E. and irregularly N. and S., bears East, O.5 lks. dist.	
12.61	Wood rail fence, bears irregularly N. and S.	
14.53	Cor. of same wood rail fence, with fences extending N. 48° E., and irregularly S., bears West, 7 lks. dist.	
15.77	Wood rail fence, bears S. 47 1/2° E., and N. 47 1/2° W. for 14 lks., thence N. 3° W.	
17.46	Wood rail fence, bears N. 81 1/4° E., and S. 81 1/4° W. for 18 lks., thence S. 3° E.	
18.46	Southerly side of a wood cabin, the SE cor. of which bears S. 70° E., 12 lks. dist., the SW cor. bears N. 70° W., 17 lks. dist.	
19.08	Northerly side of same wood cabin, the NE cor. of which bears S. 70° E., 33 lks. dist., the NW cor. bears N. 70° W., 1 lk. dist.	
20.51	Point for the center S. 1/16 sec. cor. of sec. 29.	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.	
	T18N R9E	
	S1/16 S29	
	Ć 1999	
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.	
	Set a steel fence post nearby.	
	From this cor. point, an iron pin, 1/2 in. diam., firmly set, projecting 1 in. above ground, bears S. 81°16' W., 16 lks. dist., with an iron pipe, 3/4 in. diam., set loosely alongside, both of unknown origin.	
41.02	Point for the center 1/4 sec. cor. of sec. 29, at intersection with the E. and W. center line of sec. 29.	

	1. 18 N., R. 9 E., Glia and Salt River Meridian, Ar 12011a			
CHAINS				
	Not monumented.			
61.255	Point for the center N. 1/16 sec. cor. of sec. 29.			
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, over a steel fence post, 5 1/2 ft. long, with brass cap mkd.			
	T18N R9E C N1/16 S29			
:	C 1999			
	Deposit a magnet in a 1 \times 1 \times 2 5/8 in. white plastic case beneath the stainless steel post.			
	Set a steel fence post nearby.			
Cor. is located in dry bed of Mormon Lake.				
81.49	The 1/4 sec. cor. of secs. 20 and 29.			
	From the 1/4 sec. cor. of secs. 28 and 29.			
	N. 89°26' W., on the E. and W. center line of sec. 29.			
	Over open land.			
40.00	The point for the center 1/4 sec. cor. of sec. 29.			
60.335	Point for the center W. 1/16 sec. cor. of sec. 29.			
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.			
	T18N R9E W1/16 C————————————————————————————————————			
	1999			
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.			
	Set a steel fence post nearby.			
	From this cor. point, an iron pipe, 2 ins. diam., firmly set, projecting 1 in. above ground, bears S. 80°41′ W., 20 lks. dist., unknown origin.			

Subdivision of Section 29, T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona

	T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona		
CHAINS			
	Cor. is located on the E. edge of Mormon Lake Highway, paved, 42 lks. wide, bears NNW and SSE.		
80.67	The 1/4 sec. cor. of secs. 29 and 30.		
	NE 1/4 Section 29		
	From the N. 1/16 sec. cor. of secs. 28 and 29.		
	N. 89°34' W., on the E. and W. center line of the NE 1/4 of sec. 29.		
	Over nearly level land, across dry bed of Mormon Lake.		
36.66	A 4 strand barbed wire fence, bears N. 80° W. and S. 80° E.		
39.98	The center N. 1/16 sec. cor. of sec. 29.		
	SW 1/4 Section 29		
From the point for the W. 1/16 sec. cor. of secs. 29 and			
	N. O°46' W., on the N. and S. center line of the SW 1/4 of sec. 32.		
	Over rolling land, through medium pine timber.		
20.595	Point for the SW 1/16 sec. cor. of sec. 29, at intersection with the E. and W. center line of the SW 1/4 of sec. 29.		
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled in a collar of stone, with brass cap mkd.		
	T18N R9E SW 1/16 S29 1999		
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.		
	Set a steel fence post nearby.		
	From this cor. point, an iron pin, 1/2 in. diam., firmly set, projecting 2 ins. above ground, bears S. 89°17′ W., 7.5 lks. dist., unknown origin.		

CHAINS		
33.15	An iron pin, 1/2 in. diam., firmly set, projecting 22 ins. above ground, bears West, 10 lks. dist., origin unknown.	
33.56	The southerly side of a wood amphitheater, the SE cor. of which bears S. 73° E., 5 lks. dist., the SW cor. bears N. 73° W., 66 lks. dist.	
34.36	The northerly side of same wood amphitheater, the NE cor. of which bears S. 73° E., 62 lks. dist., the NW cor. bears N. 73° W., 31 lks. dist.	
34.69	An iron pin, 1/2 in. diam., firmly set, projecting 3 ins. above ground, with a 1 in. diam. plastic cap mkd. SURVEY CONTROL, bears West, 76 lks. dist., origin unknown.	
35.90	Top center of a propane gas tank, 15 ft. long, bears SE and NW, bears West, 39 lks. dist.	
36.13	The southerly side of a wood storage shed, 16 1/2 X 12 ft., long side bears S. 36° W. The SW cor. of which bears N. 54° W., 12 lks. dist.	
36.31	The westerly side of same wood storage shed, the SW cor. of which bears S. 36° W., 14 lks. dist., the NW cor. bears N. 36° E., 11 lks. dist.	
36.55	The southerly side of an irregularly shaped wood building, the SE cor. of which bears S. 51 3/4° E., 29 lks. dist., the SW cor. bears N. 51 3/4° W., 22 lks. dist.	
37.04	The westerly side of same irregularly shaped wood building, the NW cor. of which bears N. 38 1/4° E., 117 lks. dist., an exterior cor. bears S. 38 1/4° W., 17 lks. dist., thence S. 51 3/4° E., 9 lks. dist. to an interior cor., thence S. 38 1/4° W., 21 lks. dist. to the SW. cor.	
40.25	Center of pavement, Mormon Lake Highway, 42 lks. wide, bears SSE, curving easterly and NNW.	
41.19	The center W. 1/16 sec. cor. of sec. 29.	
	From the center S. 1/16 sec. cor. of sec. 29.	
	N. 89°39' W., on the E. and W. center line of the SW 1/4 of sec. 29.	

	T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona		
CHAINS			
2.99	An iron pin, 1/2 in. diam., firmly set, projecting 8 ins. above ground, with a 1 in. diam. plastic cap mkd. LS 19853, located in a split rail fence, bears N. 15 1/4° E. and S. 15 1/4° W. for 57 lks., to intersection with a 4 strand barbed wire fence extending N. 64 1/4° W.		
4.93	An iron pin, 1/2 in. diam., loosely set, projecting 8 ins. above ground, with a 1 in. diam. plastic cap mkd. LS 9078, located at the cor. of fences, with a split rail fence extending N. and a four strand barbed wire fence extending S. 77 1/4° E.		
6.60	Recreational Vehicle power outlet box, bears South, 16 lks. dist.		
8.24	Recreational Vehicle power outlet box, bears South, 26 lks. dist.		
8.95	Recreational Vehicle power outlet box, bears South, 3 lks. dist.		
10.21	An iron pipe, 2 ins. diam., set flush with ground, origin unknown.		
20.17	The SW 1/16 sec. cor. of sec. 29.		
40.34	The point for the S. 1/16 sec. cor. of secs. 29 and 30.		
	NW 1/4 Section 29 From the center W. 1/16 sec. cor. of sec. 29.		
	N. 0°11' E., on the N. and S. center line of the NW 1/4 of sec. 29.		
	Over open land.		
0.09	A 4 strand barbed wire fence, bears SSE and NNW, thence across campground.		
10.09	Point for the center S-NW 1/64 sec. cor. of sec. 29.		
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.		
	T18N R9E		
\$29 C-S-NW 1/64 1999			
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.		
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	T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona			
CHAINS				
	Set a steel fence post nearby.			
20.09	A 4 strand barbed wire fence, bears ENE and WSW. Leave campground.			
20.18	Point for the NW 1/16 sec. cor. of sec. 29, at intersection with the E. and W. center line of the NW 1/4 of sec. 29.			
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.			
	T18N R9E NW 1/16 S29 1999			
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.			
	Set a steel fence post nearby.			
23.82	A 4 strand barbed wire fence, bears N. 80° W., and S. 80° E. A fence cor. bears S. 80° E., 80 lks. dist. with fences extending N. 80° W. and S. 27° E.			
25.225	Point for the center S-N-NW 1/256 sec. cor. of sec. 29. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.			
	T18N_R9E			
	\$29 C-S-N-NW			
	1/256 1999			
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.			
	Set a steel fence post nearby.			
40.36	The point for the W. 1/16 sec. cor. of secs. 20 and 29.			
	From the center N. 1/16 sec. cor. of sec. 29.			
	N. 89°34' W., on the E. and W. center line of the NW 1/4 of sec. 29.			
	Over dry bed of Mormon Lake.			
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	T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona		
CHAINS			
16.91	A 4 strand barbed wire fence, bears S. 49° E., and N. 49° W. A fence cor. bears N. 49° W, 103 lks. dist., with fences extending N. 49° W., S. 49° E. and S. 73° W.		
19.87	A 4 strand barbed wire fence, bears N. 73° E., and S. 73° W.		
20.16	The NW 1/16 sec. cor. of sec. 29.		
30.24	Point for the center W-NW 1/64 sec. cor. of sec. 29.		
	Not monumented.		
33.45	Center of pavement, Mormon Lake Highway, bears SE and NW.		
40.32	The point for the N. 1/16 sec. cor. of secs. 29 and 30.		
	From the center S-NW 1/64 sec. cor. of sec. 29		
	N. 89°30' W., on a portion of the E. and W. center line of the SW 1/4 of the NW 1/4 of sec. 29.		
6.85	A 4 strand barbed wire fence, bears SSE and NNW.		
7.45	Center of pavement, Mormon Lake Highway, bears SSE, curving easterly and NNW, curving westerly.		
10.125	Point for SW-NW 1/64 sec. cor. of sec. 29.		
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base, to top, with brass cap mkd.		
	T18N R9E		
	S29 SW-NW		
	1/64 1999		
	Deposit a magnet in a 1 \times 1 \times 2 5/8 ins. white plastic case beneath the stainless steel post.		
	Set a steel fence post nearby.		
	N. 0°26' E., on a portion of the N. and S. center line of the SW 1/4 of the NW 1/4 of sec. 29.		
5.00	Center of pavement, Mormon Lake Highway, 45 lks. wide, bears SE and NW.		

	T. 18 N., R. 9 E., Gila and Sait River Meridian, Arizona		
CHAINS			
6.05	A 4 strand barbed wire fence, parallels highway.		
7.96	A galvanized iron pipe, 2 ins. diam., firmly set, projecting 12 ins. above ground, origin unknown, bears West, 9 lks. dist., located in a 4 strand barbed wire fence, bears N. 3° E., and S. 3° W.		
8.84	A 4 strand barbed wire fence, bears N. 3° E., and S. 3° W.		
10.08	The point for the center W-NW 1/64 sec. cor. of sec. 29.		
	N. O°26' E., on a portion of the N. and S. center line of the NW 1/4 of the NW 1/4 of sec. 29.		
	Over open land.		
5.04	The point for the center S-NW-NW 1/256 sec. cor. of sec. 29.		
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.		
	T18N R9E \$29 C-S-NW-NW 1/256 1999		
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.		
	Set a steel fence post nearby.		
	From this cor. point, an iron pipe, 2 ins. diam., firmly set, projecting 12 ins. above ground, bears S. 28°20' E., 40.5 lks. dist., located 1.5 lks. S. of a fence cor., with fences extending S. 84° E. and S. 3° W., with an iron pin, 1 in. diam., set alongside to the S., both of unknown origin.		
	S. 89°36' E., on the E. and W. center line of the SE 1/4 of the NW 1/4 of the NW 1/4 of sec. 29.		
	Over open land, across dry bed of Mormon Lake.		
10.055	Point for the center S-N-NW 1/256 sec. cor. of sec. 29.		

T. 18 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS GENERAL DESCRIPTION The area embraced by this survey is situated in and around the settlement of Mormon Lake, in Coconino County. The terrain varies from rolling in sec. 32 to nearly level northerly of the Mormon Lake Highway in sections 28 and 29. The vegetation is predominantly ponderosa pine in the rolling areas and native grasses in the nearly level areas. The primary use of the land is recreational, with numerous summer cabins on the private lands. Access is provided by the Mormon Lake Highway and Forest Road No. 3, commonly known as the Lake Mary to Happy Jack Highway.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Ben Garcia	Surveying Technician, USFS
Geoffrey A. Graham	Surveying Technician
Robert J. Lyle	Surveying Technician
Mark R. Searles	Surveying Technician
	<u>- '</u>

CERTIFICATE OF SURVEY

I, Gordon R. Bubel, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 16th day of July, 1998, I have dependently resurveyed a portion of the south boundary and a portion of the subdivisional lines and subdivided sections 28 and 29, Township 18 North, Range 9 East, of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

1/27/00	M.R. Blel
(Date)	(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Arizona State Office Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the south boundary and a portion of the subdivisional lines and the subdivision of sections 28 and 29, Township 18 North, Range 9 East, Gila and Salt River Meridian, Arizona, executed by Gordon R. Bubel, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

February 3, 2000	(Chief Cadastral Surveyor of Arizona)
I CERTIFY that the foregaing training of the original field notes.	nacript soft the field notes of the above described copy
(Date)	(Chief Cadastral Surveyor of Arizona)